

ABSTRACT OF THE DISCLOSURE

A data capture system includes a data early latch, a data on-time latch, and a data late latch each coupled to receive an input data signal and a first, second, and third data strobe signal, respectively. When the
5 respective data strobe signal is triggered the respective data latch captures, or latches, the input data signal at three intervals resulting in oversampled input data signals. The on-time data latch generates the latched data signal. The latched data signal is compared with the data early signal latched by the data early latch as well the data late signal latched by the
10 data late latch. If the latched data signal and the data early signal are not equal, a delay controller increases the delays of the data strobe signals. If the latched data signal and the data late signal are not equal, the delay controller decreases the delays of the data strobe signals. If the latched data is equal to the data early signal no delay adjustment is made and
15 likewise if the latched data is equal to the data late signal no delay adjustment is made. Further, the delay controller may include a counting circuit to adjust the data strobe signals at particular intervals. A method for adjusting data strobe signals for data capture is also disclosed.